

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Confirmation No.: 7530
: :
Vijay K. BHAGAVATH et al. : Attorney Ref.: 1999-0494-Con
: :
Serial No.: 10/824,663 : Art Unit: 2623
: :
Filed: April 24, 2004 : Examiner: Jivka Rabovianski
: :
FOR: NETWORK-BASED SERVICE TO PROVIDE ON-DEMAND VIDEO
SUMMARIES OF TELEVISION PROGRAMS

DECLARATION

Honorable Commissioner of Patents & Trademarks

Alexandria, VA 22314

Dear Sir:

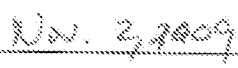
I, Thomas M. Isaacson, have reviewed and understand the following statements. I hereby declare and make the following statements based on information and belief I believe to be true, with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon:

1. I am an attorney of record in case 1999-0494-CON.
2. The following documents were in the case history of 1999-0494 as transferred to me from AT&T and are true and correct to the best of my knowledge:
 - a. Exhibit G – User Experience Disclosures Review Results spreadsheet, dated 10-28-1999.

- b. Exhibit H -- Notice of Recordation of Assignment Document, dated
05/24/2000.
- c. Exhibit I -- Declaration for Utility or Design Patent Application, dated
04/03/2000.



Thomas M. Isaacson



Date

- Exhibit G -

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION		Attorney Docket Number 1999-0494	
		First Named Inventor Vijay K Bhagavath	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration submitted after Initial Filing		COMPLETE IF KNOWN	
		Application Number	
		Filing Date	
		Group Art Unit	
		Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.
 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Network-Based Service To Provide On-Demand Video Summaries of Television Programs

(Title of Invention)

the specification of which

☐ is attached hereto
 OR
☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of an application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) below.

Application Number(s)	Filing Date(MM/DD/YYYY)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

PTO/SB/01 MODIFIED BY AT&T CORP.

Attorney Docket Number: 1999-0494

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 35(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

Place Customer Number Bar Code Label here

OR

☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
CONOVER, Michele L.	34962	DELACRUZ, Cedric G	36498
DWORETSKY, Samuel H.	27873	GARG, Rohini K	45272
LEE, Benjamin S.	42787	LEVY, Robert S.	28234
MCHALE, Susan E.	35948	RESTAINO, Thomas A.	33444
STEINMETZ, Alfred G.	22971		

☐ I also appoint the following additional registered practitioner(s) named on the supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Direct all Correspondence to:

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

NAME	Samuel H. Dworetzky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110
COUNTRY	United States of America			FAX	732-388-6932

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor

☐ A petition has been filed for this unsigned inventor

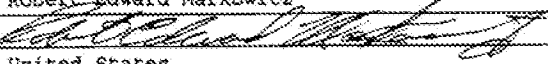
Name	Vijay K Bhagavath		
Signature	<i>Vijay K. Bhagavath</i>	Date	4/4/01
Citizenship	India		
Address (line 1)	45 Broadmoor Drive		
Address (line 2)	Lincroft		
Address (line 3)	Monmouth County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07738		

☒ Additional inventors are being named on the 1 separately numbered sheets attached hereto

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

PTO/SB/02A MODIFIED BY AT&T CORP.

Attorney Docket Number: 1999-0494

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page of	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Robert Edward Markowitz		
Signature			Date
Citizenship	United States		
Address (line 1)	36 Cedar Street		
Address (line 2)	Glen Rock		
Address (line 3)	Bergen County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07452		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Joseph Thomas O'Neil		
Signature			Date
Citizenship	United States		
Address (line 1)	40 Hawley Avenue		
Address (line 2)	Staten Island		
Address (line 3)	Richmond County		
Address (line 4)	New York		
Address (line 5)	USA		
Zip Code	10312		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature			Date
Citizenship			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
Address (line 5)			
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration submitted after Initial Filing		Attorney Docket Number	1999-0494
		First Named Inventor	Vijay K Bhagavath
		COMPLETE IF KNOWN	
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		Group Art Unit	
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(Title of Invention)

the specification of which

☐ is attached hereto
OR
☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

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☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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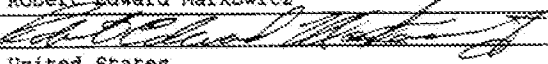
Name	Vijay K Bhagavath		
Signature	<i>Vijay K. Bhagavath</i>	Date	4/4/01
Citizenship	India		
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Address (line 2)	Lincroft		
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Address (line 3)	Bergen County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07452		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Joseph Thomas O'Neil		
Signature			Date
Citizenship	United States		
Address (line 1)	40 Hawley Avenue		
Address (line 2)	Staten Island		
Address (line 3)	Richmond County		
Address (line 4)	New York		
Address (line 5)	USA		
Zip Code	10312		
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Address (line 2)			
Address (line 3)			
Address (line 4)			
Address (line 5)			
Zip Code			

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

Disclosure Results

IPRT User Experience

<i>Atty</i>	<i>Prim</i>	<i>Disc No</i>	<i>Open Date</i>	<i>Date Rvd</i>	<i>Rating</i>	<i>Results Explanation</i>	<i>Team Comments</i>	<i>Title</i>
AGS	P11	1999-0484	08/18/1999	10/28/1999	Z	Check Behzad Sharyar DVL -- Inventor's images applications -- check novelty -- ACTV has a patent on Video hyperlinks, TVC patents	NO GLOBAL/FOREIGN FILINGS	A Network-Based Service To Provide On Demand Video Summaries of Television Programs

Wednesday, November 10, 1999

*AT&T Proprietary (Restricted)
Use Pursuant to Company Instructions*

Page

User Experience Disclosures Review Results -- Set 1-- MD: 10-28-1999

ATTORNEY	CRI# TECH	REC. NO.	DATE OPENED	RATING	RESULTS EXP.	SUBCAT	STD. LINK	STD. USE	FOREIGN	COMMENTS	TITLE
RBL	P11	1998-0419	24-Jul-98	2	Being processed for Ring per BSL -- check Easy Reach, PATS, Remote Call Forwarding -- this is done in current telephone systems					NO GLOBAL/FOREIGN FILINGS	Alternate Information Exchange
RBL	P11	1998-0420	24-Jul-98	2	Being processed for Ring per BSL -- check Easy Reach, PATS, Remote Call Forwarding -- this is done in current telephone systems					NO GLOBAL/FOREIGN FILINGS	Automatic Data Feeding
RBL	P10	1998-0425	25-Jul-98	DNF	Do Not File -- this has been talked about -- a packet of patents by Genstar and ACTV						Technique For Remote Recording
RBL	P10	1998-0442	02-Aug-98	DNF	Programable calculator pens						Universal Calculating Notation For Calculators
RBL	P10	1998-0443	02-Aug-98	MT	This is a duplicate of 1998-0528 -- What value will this be if patented? Has to be standardized -- HTML protocol allows you to do this -- how can we enforce it?					Fuzzy search engines already exists -- give it to a HTML site group --	A Method For Using Exact And Fuzzy Chronologic Control In Search Engines, Web Servers, And Browsers
RBL	P10	1998-0445	02-Aug-98	MDVE	ON 10-28-1999 -- Move to M&E-C from UE IPRT					Look at what has been done already in video on-demand caches, Mini-Fiber Mode	Customer Management Of Streaming Media Caches
RBL	P10	1998-0446	02-Aug-98	MT	What value will this be if patented? Can different "server" information be used in search? Is GPS the added unique item? How can we enforce it? Check Related Summary DVI -- functional images applications -- check novelty -- ACTV has a patent on Video					See proximity calling by Slave Sacramento	A Method For Using Geographic Context In Search Engines, Web Servers, And Browsers
RBL	P11	1998-0454	18-Aug-98	2	Hyperlinks, TVO patents	UE05				NO GLOBAL/FOREIGN FILINGS	A Network-Based Service To Provide On-Demand Video Summaries of Television Programs
RBL	P10	1998-0455	20-Aug-98	DNF	Do Not File -- BSL exists -- not novel						Telephone With Interactive Ringing For Different
RBL	P11	1998-0456	20-Aug-98	DNF	Do Not File -- exists -- does it in software -- PCs hooked upto telephones						Technique For Caller Identification With Call-Back Functionality

Monday, October 18, 1999

Confidential Prepared For Advice of Counsel

Page 3 of 4

- Exhibit H -



AGS
1999-0494
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 08, 2000

PTAS

AT&T CORP.
SAMUEL H. DWORETSKY
P.O. BOX 4110
MIDDELTOWN, NEW JERSEY 07748-4110



101382492A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/24/2000

REEL/FRAME: 010851/0066
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BHAGAVATH, VIJAY K.

DOC DATE: 04/04/2000

ASSIGNOR:

MARKOWITZ, ROBERT EDWARD

DOC DATE: 04/03/2000

ASSIGNOR:

O'NEIL, JOSEPH THOMAS

DOC DATE: 04/10/2000

ASSIGNEE:

AT&T CORP.
32 AVENUE OF THE AMERICAS
NEW YORK, NEW YORK 10013-2412

SERIAL NUMBER: 09577642

PATENT NUMBER:

FILING DATE: 05/24/2000

ISSUE DATE:

05-13-00 P01:17 13

AT&T PATENT	
09577642	
DOCKETED BY	ME
DIRECT MAILING	
NOT DOCKETED	
PREVIOUSLY DOCKETED	
PREVIOUSLY ABANDONED	

010851/0066 PAGE 2

PEARLENE FOSTER, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PTO-1618A MODIFIED BY AT&T CORP																	
Docket Number: 1999-0494																	
06-16-2000 101382492 R SHEET 5-24-00 U.S. Department of Commerce Patent and Trademark Office PATENT JUL 14 2000 09/577642																	
TO: The Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies).																	
<table><tr><td>Submission Type</td><td>Conveyance Type</td></tr><tr><td><input checked="" type="checkbox"/> New</td><td><input checked="" type="checkbox"/> Assignment</td></tr><tr><td><input type="checkbox"/> Resubmission(Non-Recordation)</td><td><input type="checkbox"/> Security Agreement</td></tr><tr><td>Document ID#</td><td><input type="checkbox"/> License</td></tr><tr><td><input type="checkbox"/> Correction of PTO Error</td><td><input type="checkbox"/> Change of Name</td></tr><tr><td>Reel # Frame #</td><td><input type="checkbox"/> Merger</td></tr><tr><td><input type="checkbox"/> Corrective Document</td><td><input type="checkbox"/> Other:</td></tr><tr><td>Reel # Frame #</td><td></td></tr></table>		Submission Type	Conveyance Type	<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Resubmission(Non-Recordation)	<input type="checkbox"/> Security Agreement	Document ID#	<input type="checkbox"/> License	<input type="checkbox"/> Correction of PTO Error	<input type="checkbox"/> Change of Name	Reel # Frame #	<input type="checkbox"/> Merger	<input type="checkbox"/> Corrective Document	<input type="checkbox"/> Other:	Reel # Frame #	
Submission Type	Conveyance Type																
<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Assignment																
<input type="checkbox"/> Resubmission(Non-Recordation)	<input type="checkbox"/> Security Agreement																
Document ID#	<input type="checkbox"/> License																
<input type="checkbox"/> Correction of PTO Error	<input type="checkbox"/> Change of Name																
Reel # Frame #	<input type="checkbox"/> Merger																
<input type="checkbox"/> Corrective Document	<input type="checkbox"/> Other:																
Reel # Frame #																	
U.S. Government (For use by U.S. Government Agencies) <input type="checkbox"/> Departmental File <input type="checkbox"/> Secret File																	
04577642																	
Conveying Party(ies) <input checked="" type="checkbox"/> Mark if additional names of conveying parties attached																	
Name (line 1)	Bhagavath, Vijay K																
Name (line 2)																	
Execution Date MMDDYYYY 04/04/2000																	
Second Party																	
Name (line 1)	Markowitz, Robert Edward																
Name (line 2)																	
Execution Date MMDDYYYY 04/03/2000																	
Receiving Party <input type="checkbox"/> Mark if additional names of receiving parties attached																	
Name (line 1)	AT&T Corp.																
Name (line 2)																	
Address (line 1)	32 Avenue of the Americas																
Address (line 2)	New York, New York 10013-2412																
Address (line 3)	United States of America																
City, State/Country Zip Code																	
<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)																	
Domestic Representative Name and Address Enter for the first Receiving Party only.																	
Name (line 1)																	
Address (line 1)																	
Address (line 2)																	
Address (line 3)																	
Address (line 4)																	
FOR OFFICE USE ONLY																	
06/16/2000 DNEUYEN 00000084 012745 09577642 01 FC:581 40.00 CH																	

Mail documents to be recorded with required cover sheet(s) information to:
Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231

FTO-16198 MODIFIED BY AT&T CORP.	
Docket Number: 1999-0494	
Page 2	
U.S. Department of Commerce Patent and Trademark Office PATENT	
CORRESPONDENCE ADDRESS	
<div style="display: flex; justify-content: space-between; align-items: center;"><div><input type="checkbox"/> Customer Number or Bar Code Label</div><div style="border: 1px solid black; width: 200px; height: 40px; margin: 0 auto; text-align: center; font-size: 8px;">(Insert Customer No. or Attach bar code label here)</div><div><input checked="" type="checkbox"/> Correspondence address below</div></div>	
NAME	Samuel H. Dworetzky
ADDRESS	AT&T CORP., P.O. Box 4110
CITY	Middletown
STATE	New Jersey
ZIP CODE	07748-4110
COUNTRY	United States of America
FAX	732-368-6932
Pages Enter the total number of pages of the attached conveyance document # 5 including any attachments	
Application Number(s) or Patent Number(s) <input type="checkbox"/> Mark if additional numbers are attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).	
Patent Application Number(s)	Patent Number(s)
If this document is being filed with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year	
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned.	
Number of Properties Enter the total number of properties involved. # 1	
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$40.00	
Method of Payment: Enclosed <input type="checkbox"/> Deposit Account <input checked="" type="checkbox"/>	
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: 01-2745	
Authorization to charge additional fees: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
STATEMENT AND SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
NAME	Alfred G. Steinmetz
TELEPHONE	973-360-8113
SIGNATURE	DATE 05/24/2000
CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 05/24/2000	
Type or Printed Name	Antoinette Dozier
Signature	Date 05/24/2000

SEND TO: Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY		PTD-1618C MODIFIED BY AT&T CORP. Docket Number: 1999-0494	U.S. Department of Commerce Patent and Trademark Office PATENT
Conveying Party(ies) <i>Enter Additional Conveying Parties</i>		<input type="checkbox"/> Mark if additional names of conveying parties attached	
Name (line 1)	O'Neil, Joseph Thomas	Execution Date MMDDYYYY 04/10/2000	
Name (line 2)			
Name (line 1)		Execution Date MMDDYYYY	
Name (line 2)			
Name (line 1)		Execution Date MMDDYYYY	
Name (line 2)			
Receiving Party		<input type="checkbox"/> Mark if additional names of receiving parties attached	
Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Name (line 2)			
Address (line 1)			
Address (line 2)			
Address (line 3)			
	City, State/Country Zip Code		
<input type="checkbox"/> Mark if additional names of receiving parties attached			
Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Name (line 2)			
Address (line 1)			
Address (line 2)			
Address (line 3)			
	City, State/Country Zip Code		
Application Number(s) or Patent Number(s)		<input type="checkbox"/> Mark if additional numbers are attached	
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).			
Patent Application Number(s)		Patent Number(s)	

Attorney Docket Number: 1999-0494

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Vijay K. Bhagavath of Lincroft in the County of Monmouth County and State of New Jersey, Robert Edward Markowitz of Glen Rock in the County of Bergen County and State of New Jersey, and Joseph Thomas O'Neil of Staten Island in the County of Richmond County and State of New York, hereby sells, assigns and transfers to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

Network-Based Service To Provide On-Demand Video Summaries of Television Programs

described in an application for Letters Patent for the United States of America, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and the undersigned also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

Attorney Docket Number: 1999-0494

The undersigned agree that, when requested, the undersigned shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Vijay K. Bhagavath
Vijay K Bhagavath

Date: _____

United States of America)

State of) ss.:

County of)

On this _____ day of _____, _____ before me personally came Vijay K Bhagavath, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4110

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles } ss.

On APRIL 4, 2000, before me, HOWARD HAUPTMAN, NOTARY PUBLIC

personally appeared VIJAY K. BHASAVATH

☐ personally known to me
☒ proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~^{they} executed the same in his/~~her~~^{their} authorized capacity(ies), and that by his/~~her~~^{their} signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Howard Hauptman
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

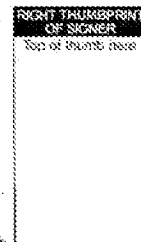
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

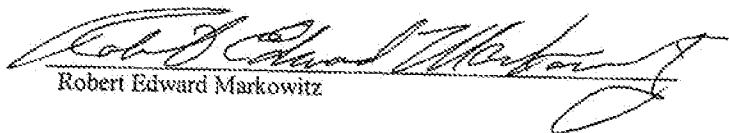
Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer is Representing: _____



Attorney Docket Number: 1999-0494


Robert Edward Markowitz

Date: 4/3/00

United States of America

State of New Jersey

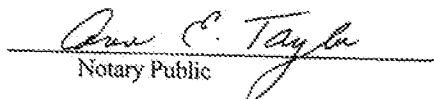
County of Morris

)

) ss.:

)

On this 3rd day of April, 2000 before me personally came Robert Edward Markowitz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

ANN E. TAYLOR
NOTARY PUBLIC OF NEW JERSEY, USA
REGISTERED IN OCEAN COUNTY
MY COMMISSION EXPIRES AUGUST 7, 2002

Attorney Docket Number: 1999-0494

Joseph Thomas O'Neil
Joseph Thomas O'Neil

Date: 4/10/00

United States of America)
State of New Jersey) ss.:
County of Morris)

On this 10th day of April, 2000 before me personally came Joseph Thomas O'Neil, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ann E. Taylor
Notary Public

AT&T CORP.
P.O. Box 4110
Middletown, New Jersey 07748-4110

ANN E. TAYLOR
NOTARY PUBLIC OF NEW JERSEY, USA
REGISTERED IN OCEAN COUNTY
MY COMMISSION EXPIRES AUGUST 7, 2002

- Exhibit I -

PTO/SB/01 MODIFIED BY AT&T CORP.

Attorney Docket Number: 1999-0494

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/03B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

Place Customer Number Bar Code Label here

OR

☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
CONOVER, Michele L.	34962	DELACRUZ, Cedric G	36498
DWORETSKY, Samuel H.	27873	GARG, Rohini K	45272
LEE, Benjamin S.	42787	LEVY, Robert B.	28234
MCHALE, Susan E.	35948	RESTAINO, Thomas A.	33444
STEINMETZ, Alfred G.	22971		

☐ I also appoint the following additional registered practitioner(s) named on the supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Direct all Correspondence to:

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

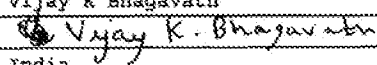
or ☒ Correspondence address below

NAME	Samuel H. Dworetsky				
ADDRESS	AT&T CORP. P.O. Box 4110				
CITY	Middletown	STATE	New Jersey	ZIP CODE	07748-4110
COUNTRY	United States of America			FAX	732-358-6932

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor

☐ A petition has been filed for this unsigned inventor

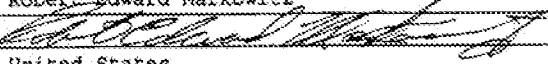
Name	Vijay K Bhagavath		
Signature		Date	4/4/00
Citizenship	India		
Address (line 1)	45 Broadmoor Drive		
Address (line 2)	Lincroft		
Address (line 3)	Monmouth County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07738		

☒ Additional inventors are being named on the 1 separately numbered sheets attached hereto

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

PTO/SB/02A MODIFIED BY AT&T CORP.

Attorney Docket Number: 1999-0494

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page of	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Robert Edward Markowitz		
Signature			Date
Citizenship	United States		
Address (line 1)	36 Cedar Street		
Address (line 2)	Glen Rock		
Address (line 3)	Bergen County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07452		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Joseph Thomas O'Neil		
Signature			Date
Citizenship	United States		
Address (line 1)	40 Hawley Avenue		
Address (line 2)	Staten Island		
Address (line 3)	Richmond County		
Address (line 4)	New York		
Address (line 5)	USA		
Zip Code	10312		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature			Date
Citizenship			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
Address (line 5)			
Zip Code			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature			Date
Citizenship			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
Address (line 5)			
Zip Code			

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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Attorney Docket Number: 1999-0494

DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page of	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Robert Edward Markowitz		
Signature		Date	
Citizenship	United States		
Address (line 1)	36 Cedar Street		
Address (line 2)	Glen Rock		
Address (line 3)	Bergen County		
Address (line 4)	New Jersey		
Address (line 5)	USA		
Zip Code	07452		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name	Joseph Thomas O'Neill		
Signature	<i>Joseph Thomas O'Neill</i>	Date	4/10/00
Citizenship	United States		
Address (line 1)	40 Hawley Avenue		
Address (line 2)	Staten Island		
Address (line 3)	Richmond County		
Address (line 4)	New York		
Address (line 5)	USA		
Zip Code	10312		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature		Date	
Citizenship			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
Address (line 5)			
Zip Code			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Name			
Signature		Date	
Citizenship			
Address (line 1)			
Address (line 2)			
Address (line 3)			
Address (line 4)			
Address (line 5)			
Zip Code			

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION		PTO/SB/01 MODIFIED BY AT&T CORP	
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing OR <input type="checkbox"/> Declaration submitted after Initial Filing		Attorney Docket Number	1999-0494
		First Named Inventor	Vijay K Bhagavath
		COMPLETE IF KNOWN	
		Application Number	
		Filing Date	
		Group Art Unit	
		Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Network-Based Service To Provide On-Demand Video Summaries of Television Programs

(Title of Invention)

the specification of which

☐ is attached hereto
OR
☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations § 1.55.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of an application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) below.

Application Number(s)	Filing Date(MM/DD/YYYY)

☐ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto

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